

Spectral Analysis of Light Scattered from Clotting Blood

ABSTRACT

A method for studying whole blood clotting that includes irradiating a specimen with light and recording light reflected into the hemisphere of the irradiating beam. The time course of reflected light intensity is divided into distinct regions, each of which is fit with a mathematical formula. The parameters from these formulas are used to assign values to each specimen. The assigned values identify disease states and quantify the effects of drugs on clotting.